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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/495,268	01/31/2000	Michael O. Cimini	13D13211	4650
29399 7590 03/09/2007 JOHN S. BEULICK (12729) C/O ARMSTRONG TEASDALE LLP ONE METROPOLITAN SQUARE SUITE 2600 ST. LOUIS, MO 63102-2740			EXAMINER WOO, ISAAC M	
			ART UNIT 2166	PAPER NUMBER
SHORTENED STATUTORY PERIOD OF RESPONSE			MAIL DATE	
3 MONTHS			03/09/2007	
			DELIVERY MODE PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

09/495,268

Applicant(s)

CIMINI ET AL.

Examiner

Isaac M. Woo

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 February 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☒ Claim(s) 20 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on February 13, 2007 has been entered.

2. Claims 1, 5, 13, 17 and 19-20 are amended. Claims 1-20 are pending.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Mayuzumi et al (U.S. Patent 5,781,191, hereinafter, "Mayuzumi").

With respect to claim 1, Mayuzumi teaches a plurality of clients, each the client comprising a plurality of user interface classes and at least one class that provides

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access to a database (i.e., 50, in fig. 20, terminal apparatus in fig. 21, col. 28, lines 7-19); a server comprising a plurality of servlets, at least some of the servlets providing at least one of a database and server access capability to each the client (i.e., 70 in fig 20-21, col. 25, lines 7-67 to col. 26, lines 1-32); and the database comprising a plurality of tables (i.e., 71 in fig. 20, col. 25, lines 7-67 to col. 26, lines 1-32), at least one of the tables comprising: at least one error proofing example entered by a user and meta-data entered by the user that describes the at least one error proofing example (fig. 12, col. 17, lines 51-67 to col. 18, lines 1-30), wherein the meta-data comprises at least one of an error stage (i.e., error code in fig. 8) and an error type (i.e., type of error in fig. 8, col. 14, lines 11-56), at least one of the tables further comprising at least one failure mode associated with the error proofing example, the error proofing example including at least one failure mode and meta-data defined by the user (col. 14, lines 11-56) when creating the at least one error proofing example wherein the database accessed by each the client via the server(col. 17, lines 51-67 to col. 18, lines 1-30, col. 14, lines 11-56).

With respect to claim 2, Mayuzumi teaches, each user interface classes comprises at least two visual components for controlling information shown to a user and for handling user input, see (fig. 5-6, col. 10, lines 37-67 to col. 11, lines 1-64).

With respect to claim 3, Mayuzumi teaches one of the user interface classes constructs and displays a menu of web pages that user can view, see (fig. 33, col. 30, lines 41-67).

With respect to claim 4, Mayuzumi teaches one of the user interface classes initializes and displays forms, see (col. 9, lines 12-67 to col. 10, lines 1-65).

With respect to claim 5, Mayuzumi teaches the class that provides access to the database formats SQL statements and invokes request to servlets in the server that provide database access, see (fig 20-21, col. 25, lines 7-67 to col. 26, lines 1-32).

With respect to claim 6, Mayuzumi teaches the server comprises servlets for database queries and updating, uploading and updating the database, downloading and extracting user permissions from the database, see (fig 20-21, col. 25, lines 7-67 to col. 26, lines 1-32).

With respect to claims 7, 8 and 9, Mayuzumi teaches one of the tables stores process which an error proofing example applies and failure modes associated with an error proofing example, part families and solution stage, see (fig 20-21, col. 25, lines 7-67 to col. 26, lines 1-32).

With respect to claim 10, Mayuzumi teaches one of the tables data identifying users of the error proofing web site, see (fig 20-21, col. 25, lines 7-67 to col. 26, lines 1-32).

With respect to claim 11, Mayuzumi teaches one of the tables stores textual data relating to the error proofing example, see (fig 20-21, col. 25, lines 7-67 to col. 26, lines 1-32).

With respect to claim 12, Mayuzumi teaches one of the tables stores a principle and related strategy that are associated with an error proofing example, see (col. 17, lines 51-67 to col. 18, lines 1-30, col. 14, lines 11-56).

With respect to claim 13, Mayuzumi teaches using at least one interface class to provide access to a database (i.e., 71 in fig 20-21, col. 25, lines 7-67 to col. 26, lines 1-32); using at least some of the servlets to provide at least one of database and server access capability to a client (client server system in fig. 20, fig. 21, col. 28, lines 7-19); entering at least one error proofing example by a user and meta-data entered by the user to describe the error-proofing example (fig. 12, col. 17, lines 51-67 to col. 18, lines 1-30), wherein the meta-data includes at least one of an error stage (i.e., error code in fig. 8) and an error type (i.e., type of error in fig. 8, col. 14, lines 11-56), accessing a table containing at least one of the error proofing example (col. 17, lines 51-67 to col. 18, lines 1-30, col. 14, lines 11-56); storing failure modes in the table associated

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with the at least one error proofing example (col. 17, lines 51-67 to col. 18, lines 1-30, col. 14, lines 11-56); and choosing the error proofing technique to fit the given application (col. 14, lines 11-67).

With respect to claim 14, Mayuzumi teaches using at least one interface class (i.e., web browser, col. 5, lines 4-15, col. 3, lines 13-25) to provide access to a database (i.e., web browser is used to access database via server, col. 5, lines 4-15, col. 3, lines 13-25), and providing at least two visual components for controlling information shown to a user and for handling user input (col. 17, lines 51-67 to col. 18, lines 1-30, col. 14, lines 11-56).

Claim 15 is rejected in the analysis of claims 3 and 14 above, and this claim is rejected on that basis. Claim 16 is rejected in the analysis of claim 4 and 14 above, and this claim is rejected on that basis.

With respect to claim 17, Mayuzumi teaches using at least some of the servlets to provide at least one of database and server access capability to a client (col. 5, lines 4-26, col. 3, lines 13-25), providing access to database; and invoking requests to servlets in the server that provides database access (col. 17, lines 51-67 to col. 18, lines 1-30, col. 14, lines 11-56).

Claim 18 is rejected in the analysis of claims 6 and 17 above, and this claim is rejected on that basis. Claim 19 is rejected in the analysis of claims 7 and 17 above, and this claim is rejected on that basis.

Allowable Subject Matter


5. Claim 20 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Isaac M. Woo whose telephone number is (571) 272-4043. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T. Alam can be reached on (571) 272-3978. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Isaac Woo
February 23, 2007